

IN THE CLAIMS

1. (Currently Amended) A gearbox having an oil pump driving arrangement therein, the arrangement comprising: oil pump means adapted for pumping oil by rotation of at least a part of said oil pump about an axis; said part being operably connected for rotation to reverse idler gear means whereby rotation of said idler gear means causes said oil pump means to pump oil.

A gearbox including an oil pump, said oil pump comprising:

means for pumping oil by rotation of at least a part of said oil pump about an axis;

said part of said oil pump operably connected to a reverse idler gear; and

wherein rotation of said reverse idler gear causes said oil pump to activate.

2-13. (Canceled)

14. (Currently Amended) A method of incorporating an oil pump into a gearbox, the method comprising the steps of: providing oil pump means which comprise at least two relatively moving parts which are adapted to cooperate to pump oil; operably connecting reverse idler gear means to at least one of said at least two moving parts so as to cause relative movement therebetween and thereby to effect pumping of oil.

A method of incorporating an oil pump into a gearbox comprising:

providing a means for pumping oil, said means including at least two moving parts adapted to cooperate to pump oil; and

connecting a reverse idler gear to at least one of said two moving parts.

15-18. (Canceled)

19. (New) An oil pump according to claim 1, wherein said axis is an axis of rotation of said reverse idler gear.

20. (New) An oil pump according to claim 1, wherein said part of said oil pump is incorporated into said reverse idler gear.
21. (New) An oil pump according to claim 1, wherein relatively moving parts of said oil pump lie axially within at least one radial plane defined by axial end faces of said reverse idler gear.
22. (New) An oil pump according to claim 1, wherein said reverse idler gear is rotatably mounted to a shaft, said shaft being stationary.
23. (New) An oil pump according to claim 22, wherein a first part of said oil pump is mounted onto said shaft.
24. (New) An oil pump according to claim 23, wherein a second part of said oil pump is incorporated into said reverse idler gear and is rotatable about said first part of said oil pump.
25. (New) An oil pump according to claim 1, wherein said oil pump is a gerotor type oil pump including a rotor element and an annulus member.
26. (New) An oil pump according to claim 25, wherein said annulus member rotates eccentrically with respect to said axis, and wherein said axis is an axis of rotation of said reverse idler gear.
27. (New) An oil pump according to claim 25, wherein said annulus member is fitted to said reverse idler gear.
28. (New) An oil pump according to claim 22, wherein an oil path exists between said reverse idler gear and said shaft.
29. (New) An oil pump according to claim 1, wherein said oil pump is selected from the group consisting of gear pumps and crescent type pumps.

30. (New) A gearbox comprising:

an oil pump; 

a reverse idler gear;

wherein said oil pump further includes an axis, wherein at least a part of said oil pump rotates about said axis, wherein said part of said oil pump is operably connected to said reverse idler gear, and wherein rotation of said reverse idler gear causes said oil pump to activate.

31. (New) An oil pump according to claim 30, wherein said axis is an axis of rotation of said reverse idler gear.

32. (New) An oil pump according to claim 30, wherein said part of said oil pump is incorporated into said reverse idler gear.

33. (New) An oil pump according to claim 30, wherein relatively moving parts of said oil pump lie axially within at least one radial plane defined by axial end faces of said reverse idler gear.

34. (New) An oil pump according to claim 30, wherein said reverse idler gear is rotatably mounted to a shaft, said shaft being stationary.

35. (New) An oil pump according to claim 34, wherein a first part of said oil pump is mounted onto said shaft.

36. (New) An oil pump according to claim 35, wherein a second part of said oil pump is incorporated into said reverse idler gear and is rotatable about said first part of said oil pump.